



CALIFORNIA

Agricultural Bulletin

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State of California

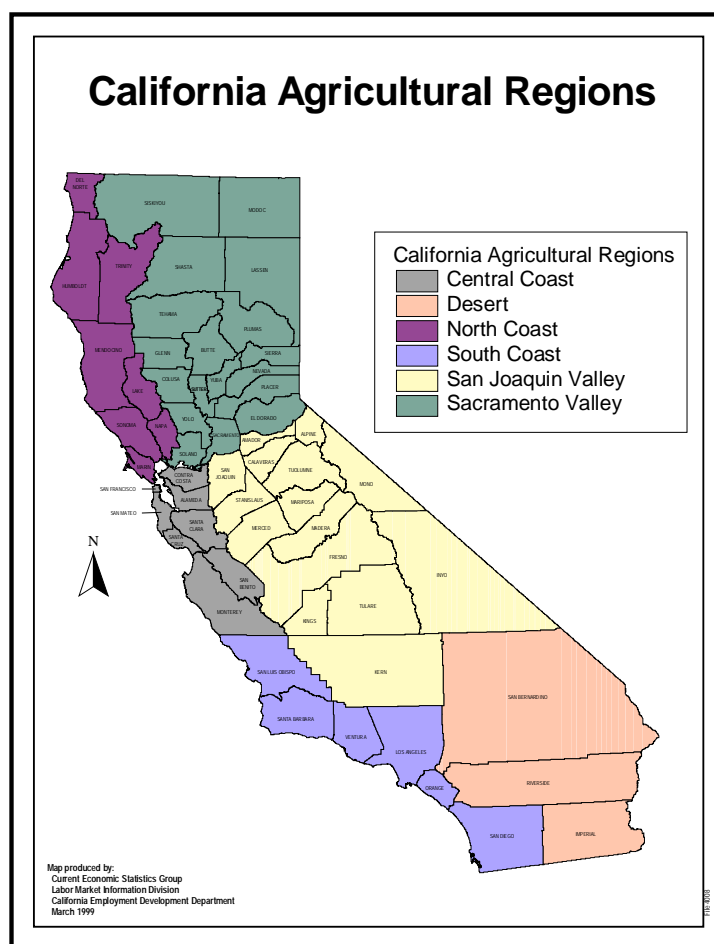
October 2000
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

Agricultural employment in California for October 2000 decreased 53,800 jobs from the previous month, a loss of 11 percent. Total Agricultural Production decreased 21,300 from September 2000 to October 2000 for a loss of 8 percent. Agricultural Services registered a decrease of 32,500 jobs, a loss of 16 percent. A decrease in agricultural employment from September to October is normal. The change in California agricultural employment from September 1999 to October 1999 was a decrease of 46,400 jobs.

Although most agricultural industries experienced declines for October, there were some increases. The largest decline was seen in Farm Labor Contractors with a decrease of 47,500. Grapes registered a significant decline with a decrease of 17,900. Farm Management Services registered the largest increase, adding 8,300 jobs for the month of October. Following were Other Fruits and Nuts with an increase of 4,300 and Preparation Services for Market, which also increased by 4,300. Total agricultural employment increased in the Central Coast, North Coast, and South Coast regions while decreases were registered in the Desert, San Joaquin Valley, and Sacramento Valley regions.

Production and Crop Activity

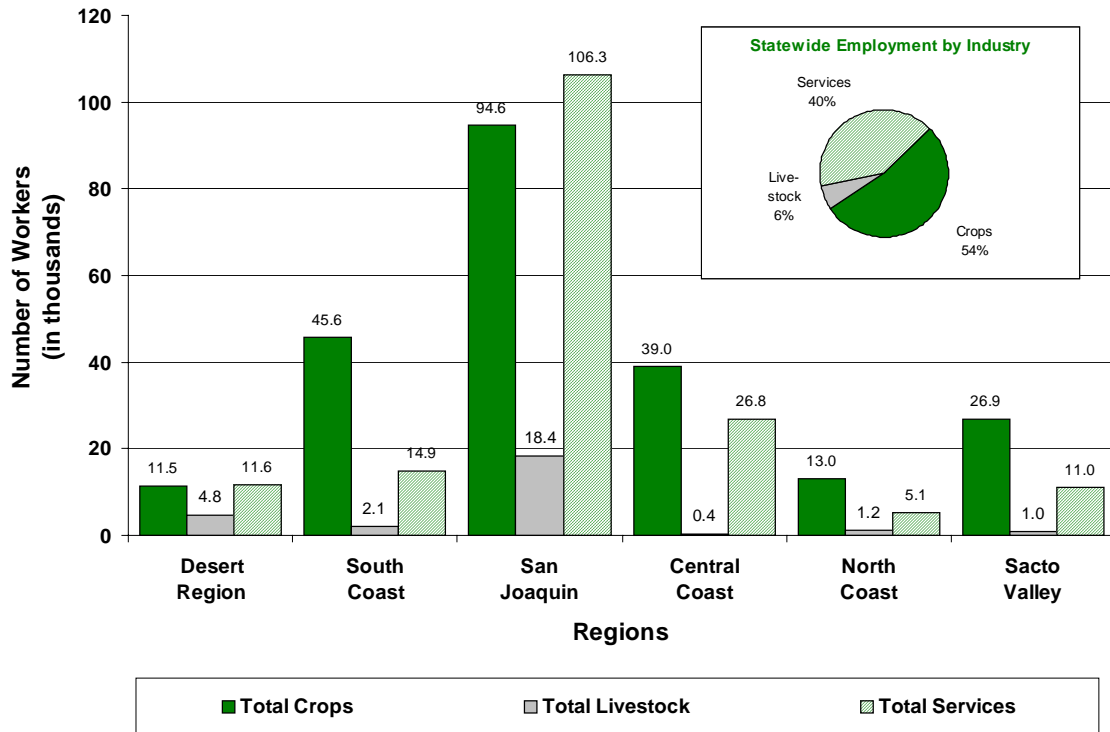
Most field operations, including chemical applications, were slowed by rainfall. The cotton harvest, likewise, was delayed in some areas as growers waited for fields to dry. Defoliation continued in other cotton fields. Sugar beet, black-eyed bean, and rice harvesting continued. Some sugar beet fields were treated for armyworms and leafhoppers. Fields of corn for silage and grain were still being harvested. Ground preparation and planting of small grains continued. Alfalfa and Sudan hay was cut and baled. The fall lettuce and broccoli harvest began where conditions permitted. Broccoli and cauliflower fields were sprayed to control insects. Fresh market tomatoes were still being picked. Vegetables harvested during the month included basil, bok choy, beans, carrots, cilantro, cucumbers, eggplant, dill, kabocha, mustard greens, mixed melons, Mint, okra, green onions, parsley, peppers, radishes, spinach, squash, and yams.

Vineyards and fruit orchards were undergoing weed control and fungicide applications but rainfall slowed harvesting activities. Rain slowed grape picking in the San Joaquin Valley. The harvest of peaches, nectarines, plums, and prunes was virtually completed but pomegranate and fig harvests continued. Apple picking continued and the harvesting of kiwifruit, olives, and grapefruit remained active. The harvesting of Valencia oranges slowed in southern California and the San Joaquin Valley but lemon picking remained active. Raspberry and strawberry picking was in progress. Pruning in almond orchards began in some areas while the walnut and pistachio harvest continued.

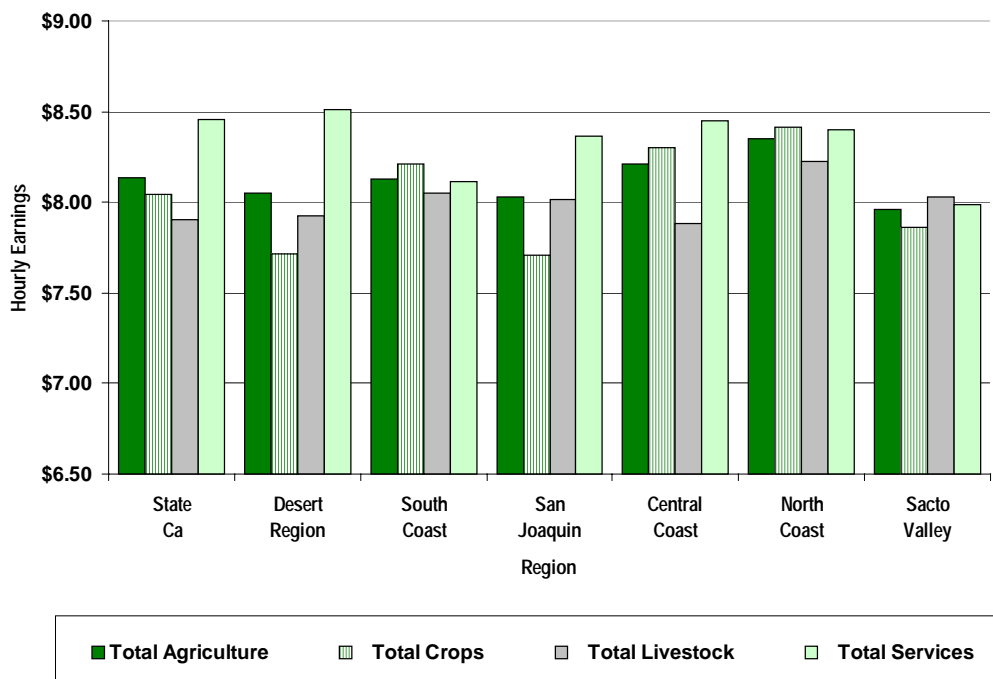
Cattle were moved from irrigated summer pastures in mountain areas to lower elevation winter pastures. Fall calving was underway and supplemental feeding continued. A large number of young turkeys were on feed in central California prior to the holidays.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	434.2	488.0	442.3
Total Agricultural Production/Crops	230.6	257.0	225.1
Cash Grains	4.1	3.7	3.3
Rice	3.4	2.6	2.2
Other Cash Grains	0.7	1.1	1.1
Field Crops Except Grains	17.2	19.1	13.2
Cotton	7.9	7.6	6.7
Other Field Crops	9.3	11.5	6.5
Vegetables and Melons	46.0	43.0	37.6
Total Fruits and Tree Nuts	101.5	122.1	104.0
Berries	14.6	15.5	16.9
Grapes	36.0	53.9	45.3
Tree Nuts	10.3	6.2	11.9
Citrus Fruits	2.7	4.9	5.7
Deciduous Tree Fruit	11.7	19.7	13.6
Other Fruits & Nuts	26.2	21.9	10.6
Total Horticultural Specialties	37.9	37.7	40.2
Ornamental Floral & Nursery	35.8	34.3	36.8
Food Crops Grown Under Cover	2.1	3.4	3.4
General Farm Primarily Crop	23.9	31.4	26.8
Agricultural Production/Livestock	27.9	22.8	28.9
Beef Cattle Feed Lots	1.6	1.6	0.8
Beef Cattle Except Feed Lots	2.5	1.9	3.4
Dairy Farms	14.7	11.8	16.3
Chicken Eggs	4.0	2.4	2.6
Turkey & Turkey Eggs	0.7	0.5	0.9
Other Livestock	4.4	4.6	4.9
Total Agricultural Services	175.7	208.2	188.3
Soil Preparation Services	1.0	0.9	1.8
Crop Services	50.4	43.8	52.0
Plant Cultivate & Protection	5.2	6.0	6.3
Harvest Primarily by Machine	8.8	7.0	7.6
Preparation Services for Market	34.7	30.4	36.6
Cotton Ginning	1.7	0.4	1.5
Total Farm Labor & Management	124.3	163.5	134.5
Farm Labor Contractors	109.1	156.6	123.5
Farm Management Services	15.2	6.9	11.0

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	8.13	8.08	8.11
Total Agricultural Production/Crops	8.04	7.95	8.05
Cash Grains	8.36	8.01	8.57
Rice	8.29	8.25	8.55
Other Cash Grains	8.42	7.77	8.60
Field Crops Except Grains	7.84	7.83	8.13
Cotton	7.58	7.80	7.51
Other Field Crops	8.10	7.85	8.76
Vegetables and Melons	7.98	7.95	7.91
Total Fruits and Tree Nuts	7.98	8.02	7.83
Berries	7.98	8.33	7.75
Grapes	7.85	7.84	8.05
Tree Nuts	8.07	7.86	7.80
Citrus Fruits	8.03	7.91	7.89
Deciduous Tree Fruit	7.78	7.89	7.61
Other Fruits & Nuts	8.19	8.28	7.87
Total Horticultural Specialties	8.17	8.06	8.23
Ornamental Floral & Nursery	8.06	7.98	8.33
Food Crops Grown Under Cover	8.28	8.14	8.14
General Farm Primarily Crop	7.92	7.84	7.62
Agricultural Production/Livestock	7.90	7.86	7.68
Beef Cattle Feed Lots	7.65	7.76	8.02
Beef Cattle Except Feed Lots	8.31	8.28	7.72
Dairy Farms	8.41	8.32	8.02
Chicken Eggs	7.08	7.00	7.03
Turkey & Turkey Eggs	7.81	7.82	7.09
Other Livestock	8.17	8.00	8.22
Total Agricultural Services	8.46	8.42	8.60
Soil Preparation Services	8.58	8.69	8.85
Crop Services	8.66	8.57	8.78
Plant Cultivate & Protection	8.57	8.45	8.68
Harvest Primarily by Machine	8.63	8.43	8.69
Preparation Services for Market	7.92	7.97	8.17
Cotton Ginning	9.51	9.45	9.57
Total Farm Labor & Management	8.13	7.99	8.18
Farm Labor Contractors	7.91	7.77	8.06
Farm Management Services	8.35	8.20	8.30

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	66.2	64.0	66.5
Total Agricultural Production/Crops	39.0	36.9	38.5
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.5	0.3	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.5	0.3	0.2
Vegetables and Melons	15.5	7.4	16.1
Total Fruits and Tree Nuts	11.0	14.3	11.2
Berries	8.6	9.4	8.5
Grapes	0.2	1.9	1.2
Tree Nuts	0.1	0.1	0.3
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.6	0.8	1.0
Other Fruits & Nuts	1.5	2.1	0.2
Total Horticultural Specialties	10.4	11.5	9.0
Ornamental Floral & Nursery	8.9	9.5	6.9
Food Crops Grown Under Cover	1.5	2.0	2.1
General Farm Primarily Crop	1.6	3.4	2.0
Agricultural Production/Livestock	0.4	0.5	0.9
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.1	0.3
Dairy Farms	0.0	0.1	0.1
Chicken Eggs	0.0	0.1	0.1
Turkey & Turkey Eggs	0.1	0.1	0.1
Other Livestock	0.3	0.1	0.3
Total Agricultural Services	26.8	26.6	27.1
Soil Preparation Services	0.1	0.0	0.6
Crop Services	11.2	9.5	10.8
Plant Cultivate & Protection	0.0	0.0	0.7
Harvest Primarily by Machine	2.9	2.8	1.9
Preparation Services for Market	8.3	6.7	8.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	15.5	17.1	15.7
Farm Labor Contractors	11.8	16.1	14.4
Farm Management Services	3.7	1.0	1.3

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	8.21	8.15	8.04
Total Agricultural Production/Crops	8.30	8.16	7.91
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.25	8.00	8.45
Cotton	na	na	na
Other Field Crops	8.25	8.00	8.45
Vegetables and Melons	8.18	8.12	7.99
Total Fruits and Tree Nuts	8.38	8.36	7.83
Berries	8.49	8.57	8.16
Grapes	7.73	7.56	7.94
Tree Nuts	8.70	8.57	7.55
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.16	8.36	7.31
Other Fruits & Nuts	8.83	8.74	8.19
Total Horticultural Specialties	8.46	8.33	8.30
Ornamental Floral & Nursery	8.69	8.45	8.32
Food Crops Grown Under Cover	8.23	8.20	8.28
General Farm Primarily Crop	8.24	8.01	6.97
Agricultural Production/Livestock	7.89	7.89	7.57
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	8.40	7.57
Dairy Farms	na	8.29	8.12
Chicken Eggs	na	6.98	7.00
Turkey & Turkey Eggs	7.81	7.81	6.57
Other Livestock	7.96	7.96	8.61
Total Agricultural Services	8.45	8.41	8.64
Soil Preparation Services	8.33	na	8.67
Crop Services	8.72	8.57	8.69
Plant Cultivate & Protection	na	na	8.39
Harvest Primarily by Machine	9.02	8.72	9.01
Preparation Services for Market	8.42	8.42	8.67
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.30	8.25	8.55
Farm Labor Contractors	7.92	7.99	8.39
Farm Management Services	8.68	8.50	8.71

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	27.9	28.4	30.1
Total Agricultural Production/Crops	11.5	12.9	12.6
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.7	2.5	1.6
Cotton	0.3	0.2	0.0
Other Field Crops	1.4	2.3	1.6
Vegetables and Melons	3.0	3.5	3.5
Total Fruits and Tree Nuts	3.7	5.1	4.0
Berries	0.0	0.0	0.1
Grapes	0.1	0.1	1.0
Tree Nuts	0.1	0.2	0.3
Citrus Fruits	0.5	1.1	1.3
Deciduous Tree Fruit	0.0	0.0	0.2
Other Fruits & Nuts	3.0	3.7	1.1
Total Horticultural Specialties	1.1	0.1	1.6
Ornamental Floral & Nursery	1.1	0.1	1.5
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.0	1.7	1.8
Agricultural Production/Livestock	4.8	4.6	5.4
Beef Cattle Feed Lots	0.6	0.4	0.2
Beef Cattle Except Feed Lots	0.5	0.5	0.5
Dairy Farms	1.3	1.8	2.8
Chicken Eggs	1.2	1.5	1.3
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.2	0.4	0.6
Total Agricultural Services	11.6	10.9	12.1
Soil Preparation Services	0.2	0.0	0.2
Crop Services	3.4	3.7	3.8
Plant Cultivate & Protection	0.3	1.4	0.4
Harvest Primarily by Machine	1.1	1.3	0.7
Preparation Services for Market	1.6	0.9	2.6
Cotton Ginning	0.4	0.1	0.1
Total Farm Labor & Management	8.0	7.2	8.1
Farm Labor Contractors	7.2	6.8	7.3
Farm Management Services	0.8	0.4	0.8

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	8.05	7.97	8.18
Total Agricultural Production/Crops	7.72	7.75	8.24
Cash Grains	na	na	8.94
Rice	na	na	na
Other Cash Grains	na	na	8.94
Field Crops Except Grains	7.89	7.82	8.77
Cotton	7.77	7.96	na
Other Field Crops	8.00	7.67	8.77
Vegetables and Melons	7.67	7.83	7.70
Total Fruits and Tree Nuts	7.90	7.83	8.20
Berries	na	na	7.91
Grapes	7.66	8.04	8.59
Tree Nuts	7.41	7.06	8.58
Citrus Fruits	8.08	7.64	8.40
Deciduous Tree Fruit	na	na	8.05
Other Fruits & Nuts	8.46	8.59	7.66
Total Horticultural Specialties	7.60	7.84	8.56
Ornamental Floral & Nursery	7.60	7.84	8.18
Food Crops Grown Under Cover	na	na	8.94
General Farm Primarily Crop	7.52	7.41	7.25
Agricultural Production/Livestock	7.92	7.93	7.74
Beef Cattle Feed Lots	7.54	7.81	7.45
Beef Cattle Except Feed Lots	8.38	8.28	7.76
Dairy Farms	8.57	8.48	8.12
Chicken Eggs	7.17	7.18	7.05
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.96	7.89	8.33
Total Agricultural Services	8.51	8.24	8.55
Soil Preparation Services	8.88	na	9.01
Crop Services	8.42	8.36	8.63
Plant Cultivate & Protection	8.25	8.29	8.96
Harvest Primarily by Machine	8.43	8.46	8.91
Preparation Services for Market	7.73	7.62	7.75
Cotton Ginning	9.25	9.05	8.91
Total Farm Labor & Management	8.25	8.12	8.02
Farm Labor Contractors	8.45	8.27	7.70
Farm Management Services	8.04	7.96	8.33

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	19.3	16.6	21.1
Total Agricultural Production/Crops	13.0	13.8	15.4
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.1
Vegetables and Melons	0.4	0.4	0.4
Total Fruits and Tree Nuts	10.6	11.4	12.9
Berries	0.0	0.0	0.0
Grapes	9.6	9.5	11.7
Tree Nuts	0.3	0.2	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.7	1.7	0.9
Other Fruits & Nuts	0.0	0.0	0.1
Total Horticultural Specialties	1.3	0.6	1.6
Ornamental Floral & Nursery	1.3	0.6	1.5
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	0.7	1.4	0.4
Agricultural Production/Livestock	1.2	1.3	1.9
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.2	0.2
Dairy Farms	1.0	0.7	1.0
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.1	0.1
Other Livestock	0.0	0.3	0.4
Total Agricultural Services	5.1	1.5	3.8
Soil Preparation Services	0.0	0.0	0.1
Crop Services	0.0	0.0	0.3
Plant Cultivate & Protection	0.0	0.0	0.0
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.3
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	5.1	1.5	3.4
Farm Labor Contractors	0.2	0.0	1.0
Farm Management Services	4.9	1.5	2.4

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	8.35	8.41	8.15
Total Agricultural Production/Crops	8.42	8.40	8.33
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	8.92
Cotton	na	na	na
Other Field Crops	na	na	8.92
Vegetables and Melons	8.49	8.46	8.28
Total Fruits and Tree Nuts	8.51	8.55	7.79
Berries	na	na	na
Grapes	8.70	8.66	8.37
Tree Nuts	8.43	8.30	7.50
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.39	8.68	8.23
Other Fruits & Nuts	na	na	7.05
Total Horticultural Specialties	8.62	8.52	8.50
Ornamental Floral & Nursery	8.62	8.52	8.98
Food Crops Grown Under Cover	na	na	8.02
General Farm Primarily Crop	8.05	8.08	8.17
Agricultural Production/Livestock	8.23	8.04	7.42
Beef Cattle Feed Lots	na	na	7.80
Beef Cattle Except Feed Lots	8.05	8.00	7.83
Dairy Farms	8.40	8.38	7.15
Chicken Eggs	na	na	7.05
Turkey & Turkey Eggs	na	7.81	6.75
Other Livestock	na	7.98	7.95
Total Agricultural Services	8.40	8.80	8.69
Soil Preparation Services	na	na	9.04
Crop Services	na	na	8.03
Plant Cultivate & Protection	na	na	na
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.03
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.40	8.80	8.99
Farm Labor Contractors	7.91	na	8.96
Farm Management Services	8.89	8.80	9.01

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	62.6	59.2	63.1
Total Agricultural Production/Crops	45.6	42.5	44.2
Cash Grains	0.1	0.0	0.2
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.0	0.2
Field Crops Except Grains	1.3	1.7	0.3
Cotton	0.0	0.1	0.1
Other Field Crops	1.3	1.7	0.3
Vegetables and Melons	8.6	11.4	9.1
Total Fruits and Tree Nuts	16.9	13.5	14.4
Berries	6.0	6.1	8.0
Grapes	0.8	0.4	2.7
Tree Nuts	0.0	0.2	0.1
Citrus Fruits	1.2	1.4	1.8
Deciduous Tree Fruit	0.1	0.1	0.2
Other Fruits & Nuts	8.8	5.3	1.6
Total Horticultural Specialties	17.6	14.2	16.9
Ornamental Floral & Nursery	17.0	13.4	16.1
Food Crops Grown Under Cover	0.6	0.8	0.8
General Farm Primarily Crop	1.1	1.7	3.3
Agricultural Production/Livestock	2.1	1.4	2.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.2	0.1	0.4
Dairy Farms	0.0	0.4	0.2
Chicken Eggs	0.9	0.1	0.5
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.0	0.8	1.0
Total Agricultural Services	14.9	15.3	16.8
Soil Preparation Services	0.0	0.2	0.1
Crop Services	3.1	1.2	3.4
Plant Cultivate & Protection	0.7	0.0	0.5
Harvest Primarily by Machine	0.0	0.0	0.9
Preparation Services for Market	2.4	1.2	2.0
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	11.8	13.9	13.3
Farm Labor Contractors	10.5	11.6	12.1
Farm Management Services	1.3	2.3	1.2

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	8.13	8.07	8.18
Total Agricultural Production/Crops	8.21	8.09	7.97
Cash Grains	8.67	na	7.89
Rice	na	na	na
Other Cash Grains	8.67	na	7.89
Field Crops Except Grains	8.34	8.12	8.31
Cotton	na	8.00	7.70
Other Field Crops	8.34	8.23	8.91
Vegetables and Melons	7.87	8.04	8.34
Total Fruits and Tree Nuts	7.95	7.97	7.49
Berries	7.46	8.09	6.48
Grapes	7.86	7.76	7.78
Tree Nuts	na	7.41	7.50
Citrus Fruits	8.60	8.28	7.93
Deciduous Tree Fruit	7.40	7.71	7.04
Other Fruits & Nuts	8.43	8.56	8.20
Total Horticultural Specialties	8.14	8.15	8.39
Ornamental Floral & Nursery	7.94	7.71	8.58
Food Crops Grown Under Cover	8.33	8.59	8.20
General Farm Primarily Crop	8.29	8.20	7.41
Agricultural Production/Livestock	8.05	8.07	7.98
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.58	8.58	7.63
Dairy Farms	na	8.56	8.49
Chicken Eggs	7.13	7.05	7.02
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.45	8.07	8.78
Total Agricultural Services	8.11	8.05	8.60
Soil Preparation Services	na	8.76	9.21
Crop Services	8.24	7.81	8.55
Plant Cultivate & Protection	8.71	na	8.60
Harvest Primarily by Machine	na	na	8.83
Preparation Services for Market	7.76	7.81	8.21
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.99	7.57	8.03
Farm Labor Contractors	7.86	7.42	8.12
Farm Management Services	8.12	7.72	7.94

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	219.3	279.6	218.8
Total Agricultural Production/Crops	94.6	122.7	84.9
Cash Grains	0.0	0.2	0.4
Rice	0.0	0.0	0.1
Other Cash Grains	0.0	0.2	0.3
Field Crops Except Grains	12.5	12.7	9.4
Cotton	7.6	7.3	6.6
Other Field Crops	4.9	5.4	2.8
Vegetables and Melons	14.1	16.5	6.0
Total Fruits and Tree Nuts	49.4	65.9	50.0
Berries	0.0	0.0	0.1
Grapes	24.1	39.7	27.0
Tree Nuts	6.8	3.1	7.3
Citrus Fruits	1.0	2.4	2.5
Deciduous Tree Fruit	6.2	10.9	7.5
Other Fruits & Nuts	11.3	9.8	5.6
Total Horticultural Specialties	5.6	9.8	4.5
Ornamental Floral & Nursery	5.6	9.2	4.4
Food Crops Grown Under Cover	0.0	0.6	0.1
General Farm Primarily Crop	13.0	17.6	14.6
Agricultural Production/Livestock	18.4	13.8	16.4
Beef Cattle Feed Lots	1.0	1.2	0.4
Beef Cattle Except Feed Lots	1.4	0.9	1.4
Dairy Farms	12.3	8.7	11.4
Chicken Eggs	1.9	0.7	0.6
Turkey & Turkey Eggs	0.6	0.3	0.7
Other Livestock	1.2	2.0	1.9
Total Agricultural Services	106.3	143.1	117.5
Soil Preparation Services	0.7	0.7	0.7
Crop Services	26.2	25.4	29.7
Plant Cultivate & Protection	3.2	3.5	4.1
Harvest Primarily by Machine	4.6	2.4	3.5
Preparation Services for Market	17.1	19.2	20.7
Cotton Ginning	1.3	0.3	1.4
Total Farm Labor & Management	79.4	117.0	87.1
Farm Labor Contractors	74.9	116.0	82.3
Farm Management Services	4.5	1.0	4.8

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	8.03	7.94	7.94
Total Agricultural Production/Crops	7.71	7.58	7.92
Cash Grains	na	7.45	8.30
Rice	na	na	7.85
Other Cash Grains	na	7.45	8.75
Field Crops Except Grains	7.72	7.55	8.05
Cotton	7.39	7.45	7.31
Other Field Crops	8.05	7.64	8.79
Vegetables and Melons	7.82	7.72	7.68
Total Fruits and Tree Nuts	7.45	7.51	8.10
Berries	na	na	8.54
Grapes	7.56	7.46	8.09
Tree Nuts	7.81	7.74	8.30
Citrus Fruits	7.40	7.81	8.03
Deciduous Tree Fruit	7.09	7.05	7.54
Other Fruits & Nuts	7.40	7.48	8.09
Total Horticultural Specialties	7.63	7.63	7.41
Ornamental Floral & Nursery	7.63	7.61	7.60
Food Crops Grown Under Cover	na	7.64	7.22
General Farm Primarily Crop	7.91	7.61	7.98
Agricultural Production/Livestock	8.02	7.91	7.76
Beef Cattle Feed Lots	7.75	7.70	7.78
Beef Cattle Except Feed Lots	8.56	8.52	7.91
Dairy Farms	8.58	8.20	8.01
Chicken Eggs	6.94	6.80	7.03
Turkey & Turkey Eggs	7.80	7.84	7.95
Other Livestock	8.47	8.39	7.85
Total Agricultural Services	8.36	8.32	8.14
Soil Preparation Services	8.53	8.62	8.12
Crop Services	8.68	8.55	8.69
Plant Cultivate & Protection	8.78	8.63	8.55
Harvest Primarily by Machine	8.59	8.27	8.22
Preparation Services for Market	7.59	7.44	7.77
Cotton Ginning	9.76	9.84	10.23
Total Farm Labor & Management	7.88	7.81	7.62
Farm Labor Contractors	7.72	7.48	7.50
Farm Management Services	8.03	8.13	7.74

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	38.9	40.1	42.6
Total Agricultural Production/Crops	26.9	28.1	29.4
Cash Grains	4.0	3.5	2.6
Rice	3.4	2.6	2.1
Other Cash Grains	0.6	0.9	0.5
Field Crops Except Grains	1.2	1.8	1.5
Cotton	0.0	0.0	0.0
Other Field Crops	1.2	1.8	1.5
Vegetables and Melons	4.4	3.8	2.5
Total Fruits and Tree Nuts	9.9	11.9	11.5
Berries	0.0	0.0	0.2
Grapes	1.2	2.3	1.7
Tree Nuts	3.0	2.4	3.7
Citrus Fruits	0.0	0.0	0.1
Deciduous Tree Fruit	4.1	6.2	3.8
Other Fruits & Nuts	1.6	1.0	2.0
Total Horticultural Specialties	1.9	1.5	6.6
Ornamental Floral & Nursery	1.9	1.5	6.4
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	5.5	5.6	4.7
Agricultural Production/Livestock	1.0	1.2	2.2
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.1	0.6
Dairy Farms	0.1	0.1	0.8
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.7	1.0	0.7
Total Agricultural Services	11.0	10.8	11.0
Soil Preparation Services	0.0	0.0	0.1
Crop Services	6.5	4.0	4.0
Plant Cultivate & Protection	1.0	1.1	0.6
Harvest Primarily by Machine	0.2	0.5	0.6
Preparation Services for Market	5.3	2.4	2.8
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	4.5	6.8	6.9
Farm Labor Contractors	4.5	6.1	6.4
Farm Management Services	0.0	0.7	0.5

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2000	Sep 2000	Oct 1999
Total Agriculture	7.96	7.94	8.28
Total Agricultural Production/Crops	7.86	7.79	8.16
Cash Grains	8.23	8.17	9.03
Rice	8.29	8.25	9.25
Other Cash Grains	8.17	8.08	8.80
Field Crops Except Grains	7.86	7.72	8.72
Cotton	na	na	na
Other Field Crops	7.86	7.72	8.72
Vegetables and Melons	7.83	7.53	7.49
Total Fruits and Tree Nuts	7.82	7.83	7.55
Berries	na	na	7.68
Grapes	7.58	7.57	7.51
Tree Nuts	8.01	8.10	7.38
Citrus Fruits	na	na	7.20
Deciduous Tree Fruit	7.86	7.63	7.46
Other Fruits & Nuts	7.84	8.03	8.05
Total Horticultural Specialties	7.90	7.72	8.23
Ornamental Floral & Nursery	7.90	7.72	8.30
Food Crops Grown Under Cover	na	na	8.16
General Farm Primarily Crop	7.52	7.75	7.95
Agricultural Production/Livestock	8.03	7.87	8.17
Beef Cattle Feed Lots	na	na	9.03
Beef Cattle Except Feed Lots	8.00	7.88	7.61
Dairy Farms	8.10	8.00	8.23
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.99	7.73	7.79
Total Agricultural Services	7.99	8.16	8.52
Soil Preparation Services	na	na	9.04
Crop Services	8.37	8.42	8.65
Plant Cultivate & Protection	8.54	8.42	8.90
Harvest Primarily by Machine	8.48	8.27	8.47
Preparation Services for Market	8.08	8.57	8.57
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.61	7.89	7.87
Farm Labor Contractors	7.61	7.71	7.68
Farm Management Services	na	8.07	8.06

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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